

# OVRH series

## OVRHTE (1,000 A and below, 25 to 100 kA)



### Product features

- Listed by UL 1449 4th Edition for Type 2 SPD applications
- Protects facilities and equipment against the harmful effects of lightning strikes and internally generated electrical transients
- Includes pre-wired pigtail conductors to streamline installation
- Features internal copper bus conduction path to minimize system impedances, lowering clamping voltage and increasing protection
- Pre-wired with 24" (609.6 mm) cables #10 AWG (5 mm<sup>2</sup>)
- 5-year standard warranty



Voltage	Network type	Part number
120 V AC	1PH, 2W + GND	OVRHTE <sup>xx</sup> 1201P
240 V AC		OVRHTE <sup>xx</sup> 2401P
240/120 V AC	2PH, 3W + GND	OVRHTE <sup>xx</sup> 1202S
208/120 V AC		OVRHTE <sup>xx</sup> 1203Y
380/220 V AC	3PH, 4W + GND (Wye)	OVRHTE <sup>xx</sup> 2203Y
415/240 V AC		OVRHTE <sup>xx</sup> 2403Y
480/277 V AC		OVRHTE <sup>xx</sup> 2773Y
600/347 V AC		OVRHTE <sup>xx</sup> 3473Y
240/120 V AC		3PH, 4W + GND (High-leg)
240 V AC	3PH, 3W + GND (Delta)	OVRHTE <sup>xx</sup> 2403D
380 V AC		OVRHTE <sup>xx</sup> 3803D
480 V AC		OVRHTE <sup>xx</sup> 4803D

Where "<sup>xxx</sup>" can be 25 kA, 50 kA, 80 kA or 100 kA

### Available option

Add applicable suffix to the end of the part number	Suffix
Dry Form "C" relay contact*	5

\* Add applicable suffix to the end of the part number.

Example: OVRHTE251201P5

Electrical characteristics	
Maximum surge current rating	<sup>xx</sup> per phase / half <sup>xx</sup> per mode
Nominal discharge current rating (L-N)	20 kA
Operating frequency	47–63 Hz
Connection method	Parallel to load (with breaker)
Modes of protection	All modes (L-N, L-G, N-G, L-L)
Fault rating (SCCR)	65 kAIC — upstream protection (breaker or fuse required)
Response time	Less than 1 nanosecond
Standard monitoring	LED status indicator lights (1 per phase)

EMI / RFI filter attenuation	
Maximum attenuation frequency	50 dB at 100 kHz

Mechanical characteristics	
Weight	12.7 lbs. (5.8 kg)
Enclosure type	NEMA 4X fiberglass-reinforced polyester (FRP) surface-mount, non-removable cover
Installation location	Indoor / outdoor
Mounting method	Dual mounting flanges
Operating temperature	-40 °to 140 °F (-40 °to 60 °C)
Altitude	16,400 ft. (up to 5000 m)
Product design	No internal fusing

Regulations and certifications	
UL 1449 4th edition	Type 2
UL 1283	Yes
IEEE C62.41.1, .2, C62.45	Yes
Listed by	UL